

Table AWM-1.--Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need

for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GpF3: Gilpin-----	50	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00
		Depth to bedrock	0.46	Droughty	0.73	Droughty	0.73
				Depth to bedrock	0.46	Depth to bedrock	0.46
Peabody-----	30	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to bedrock	0.46	Droughty	1.00	Droughty	1.00
		Runoff limitation	0.40	Too acid	0.77	Too acid	0.77
GvF: Gilpin-----	55	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.79	Slope	1.00	Too steep for sprinkler application	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00
		Too Stony	0.53	Droughty	0.79	Droughty	0.79
		Cobble content	0.50	Cobble content	0.50	Cobble content	0.50
Pineville-----	35	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too Stony	0.53	Too acid	0.77	Too steep for sprinkler application	1.00
		Too acid	0.22			Too acid	0.77
Ha: Hackers-----	90	Somewhat limited Too acid	0.01	Somewhat limited Flooding Too acid	0.40 0.01	Somewhat limited Too acid	0.01
MoB: Monongahela-----	80	Somewhat limited		Somewhat limited		Somewhat limited	

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ms: Moshannon-----	95	Depth to saturated zone	0.95	Depth to saturated zone	0.95	Depth to saturated zone	0.95
		Restricted permeability	0.81	Restricted permeability	0.68	Too steep for surface application	0.68
		Too acid	0.08	Too acid	0.31	Restricted permeability	0.68
						Too acid	0.31
PvE: Pineville-----	80	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
RpF3: Rock outcrop-----	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too Stony	0.53	Too acid	0.77	Too steep for sprinkler application	1.00
		Too acid	0.22			Too acid	0.77
		Not rated Not rated; Ksat Not rated; Ksat Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm Not rated; pH		Not rated Not rated; Ksat Not rated; Ksat Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm Not rated; pH		Not rated Not rated; Ksat Not rated; Ksat Not rated; pH Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm	
Peabody-----	30	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to bedrock Runoff limitation	0.46 0.40	Droughty Too acid	1.00 0.77	Droughty Too acid	1.00 0.77
Gilpin-----	20	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Too acid Depth to bedrock	0.73 0.46	Too acid Droughty	1.00 0.73	Too acid Droughty	1.00 0.73

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
				Depth to bedrock	0.46	Depth to bedrock	0.46
Sc: Senecaville-----	85	Somewhat limited Depth to saturated zone Too acid	0.95 0.11	Somewhat limited Depth to saturated zone Too acid Flooding	0.95 0.42 0.40	Somewhat limited Depth to saturated zone Too acid	0.95 0.42
Sm: Senecaville-----	60	Somewhat limited Depth to saturated zone Flooding Too acid	0.95 0.60 0.11	Very limited Flooding Depth to saturated zone Too acid	1.00 0.95 0.42	Somewhat limited Depth to saturated zone Flooding Too acid	0.95 0.60 0.42
Melvin-----	35	Very limited Depth to saturated zone Flooding Runoff limitation	1.00 0.60 0.40	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
Ss: Sensabaugh-----	75	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
TsB: Tilsit-----	70	Very limited Depth to saturated zone Too acid Droughty	1.00 0.03 0.01	Very limited Low adsorption Depth to saturated zone Too acid Droughty	1.00 1.00 0.14 0.01	Very limited Depth to saturated zone Too steep for surface application Too acid Droughty	1.00 0.68 0.14 0.01
Ud: Udorthents-----	100	Not rated Not rated; Slope Not rated; Ksat Not rated; Ksat Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm		Not rated Not rated; AWC Not rated; Ksat Not rated; Ksat Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm		Not rated Not rated; AWC Not rated; Ksat Not rated; Ksat Not rated; pH Not rated; Fragments 75 to 250mm	
UgC3: Upshur-----	50	Very limited Restricted permeability Slope Runoff limitation	1.00 0.63 0.40	Very limited Low adsorption Restricted permeability Too acid	1.00 1.00 0.77	Very limited Too steep for surface application Restricted permeability Too steep for sprinkler application	1.00 1.00 0.78

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gilpin-----	40	Droughty	0.27	Slope	0.63	Too acid	0.77
		Too acid	0.22	Droughty	0.27	Droughty	0.27
		Somewhat limited Droughty	0.73	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00
		Slope	0.63	Droughty	0.73	Too steep for sprinkler application	0.78
UgD3: Upshur-----	50	Depth to bedrock	0.46	Slope	0.63	Droughty	0.73
				Depth to bedrock	0.46	Depth to bedrock	0.46
		Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for sprinkler application	1.00
		Runoff limitation	0.40	Restricted permeability	1.00	Restricted permeability	1.00
Gilpin-----	45	Droughty	0.27	Too acid	0.77	Too acid	0.77
		Too acid	0.22	Droughty	0.27	Droughty	0.27
		Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00
UgE3: Upshur-----	45	Depth to bedrock	0.46	Droughty	0.73	Droughty	0.73
				Depth to bedrock	0.46	Depth to bedrock	0.46
		Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for sprinkler application	1.00
		Runoff limitation	0.40	Restricted permeability	1.00	Restricted permeability	1.00
Gilpin-----	40	Droughty	0.27	Too acid	0.77	Too acid	0.77
		Too acid	0.22	Droughty	0.27	Droughty	0.27
		Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VaD: Vandalia-----	80	Depth to bedrock	0.46	Droughty Depth to bedrock	0.73 0.46	Droughty Depth to bedrock	0.73 0.46
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	0.81	Restricted permeability	0.68	Too steep for sprinkler application	1.00
		Runoff limitation	0.40	Too acid	0.31	Restricted permeability	0.68
		Too acid	0.08			Too acid	0.31
VbD: Vandalia-----	80	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too Stony	1.00	Restricted permeability	0.68	Too steep for sprinkler application	1.00
		Restricted permeability	0.81	Too acid	0.31	Restricted permeability	0.68
		Runoff limitation	0.40	Large stones on the surface	0.02	Too acid	0.31
		Too acid	0.08			Large stones on the surface	0.02
W: Water-----	100	Not rated		Not rated		Not rated	
		Not rated; Slope		Not rated; AWC		Not rated; AWC	
		Not rated; Ksat		Not rated; Ksat		Not rated; Ksat	
		Not rated; Ksat		Not rated; Ksat		Not rated; Ksat	
		Not rated; Fragments > 250mm		Not rated; Fragments > 250mm		Not rated; pH	
		Not rated; Fragments 75 to 250mm		Not rated; Fragments 75 to 250mm		Not rated; Fragments 75 to 250mm	